

ABSTRACT OF THE DISCLOSURE

An development environment of a high security level is provided for a key-
installed system. Development of a program for a system having an LSI device which
5 includes a secure memory is performed by providing another LSI device having the same
structure and setting the provided LSI device to a development mode which is different
from a product operation mode. Alternatively, the provided LSI device is set to an
administrator mode to perform development and encryption of a key-generation program.
The LSI device is set to a key-generation mode to execute the encrypted key-generation
10 program, thereby generating various keys.